What is claimed is:

[Claim 1]   A method to automatically define resources forming an IT service, comprising:

tracking resources utilized in responding to a request or set of requests or performing a transaction or a set of transactions; and

automatically defining resources that form an IT service by aggregating all resources utilized to respond to all requests or to perform all transactions.

[Claim 2]   The method of claim 1, further comprising adding any new resources utilized to a resource list.

[Claim 3]   The method of claim 2, further comprising removing any resource from the resource list in response to the resource not being utilized for a predetermined time duration.

[Claim 4]   The method of claim 1, further comprising determining a percentage of utilization of each resource across all requests or transactions.

[Claim 5]   The method of claim 4, further comprising automatically assigning a priority to each resource according to the percentage of utilization of the resource.

[Claim 6]   The method of claim 5, further comprising presenting a resource list and an associated priority for each resource to a user or requestor.

[Claim 7]   The method of claim 5, further comprising adjusting a status propagation logic based on the priority assigned to each resource.

[Claim 8]   The method of claim 1, further comprising presenting a resource utilization diagram to a user or requestor.

[Claim 9]   The method of claim 8, further comprising representing a percentage of utilization of each resource in the resource utilization diagram.

[Claim 10] The method of claim 9, further comprising representing a priority of each resource in the resource utilization diagram, wherein the priority is automatically assigned according to the percentage of utilization of the resource.

[Claim 11] The method of claim 8, further comprising representing a quantity of occurrences of each segment linking resources in the resource utilization diagram.

[Claim 12] The method of claim 8, further comprising representing a time duration since each resource was last utilized in the resource utilization diagram.

[Claim 13] A method to automatically define resources forming an IT service, comprising:

examining each instance of a request or transaction; and
maintaining a record of a union of all resources utilized in responding to each instance of a request or transaction over a selected time period or on a rolling time period basis.

[Claim 14] The method of claim 13, further comprising determining a percentage of utilization of each resource across all requests or transactions.

[Claim 15] The method of claim 14, further comprising automatically assigning a priority to each resource according to the percentage of utilization of the resource.

[Claim 16] The method of claim 14, further comprising adjusting a status propagation logic based on the priority assigned to each resource.

[Claim 17] The method of claim 13, further comprising presenting a resource utilization diagram to a user or requestor.

[Claim 18] A system that automatically defines resources forming an IT service, comprising:

a processor; and

a resource utilization program operable on the processor, wherein the resource utilization program includes computer executable instructions to maintain a record of a union of all resources utilized in responding to each instance of a request or transaction over a selected time period or on a rolling time period basis.

[Claim 19] The system of claim 18, wherein the resource utilization program comprises computer executable instructions to determine a percentage of utilization of each resource across all request or transactions.

[Claim 20] The system of claim 19, wherein the resource utilization program comprises computer executable instructions to automatically assign a priority to each resource according to the percentage of utilization of the resource.

[Claim 21] The system of claim 18, wherein the resource utilization program comprises computer executable instructions to adjust a status propagation logic based on the priority assigned to each resource.

[Claim 22] The system of claim 18, wherein the resource utilization program comprises executable instruction to present a resource utilization diagram to a user or requestor.

[Claim 23] A method of making a system that automatically defines resources forming an IT service, comprising:

providing a processor; and

providing a resource utilization program operable on the processor, wherein the resource utilization program includes computer executable instructions to maintain a record of a union of all resources utilized in responding to each instance of a request or transaction over a selected time period or on a rolling time period basis.

[Claim 24] The method of claim 23, further comprising providing computer executable instructions to determine a percentage of utilization of each resource across all request or transactions.

[Claim 25] The method of claim 24, further comprising providing computer executable instructions to automatically assign a priority to each resource according to the percentage of utilization of the resource.

[Claim 26] The method of claim 23, further comprising providing computer executable instructions to adjust a status propagation logic based on the priority assigned to each resource.

[Claim 27] The method of claim 23, further comprising providing computer executable instructions to present a resource utilization diagram to a user or requestor.

[Claim 28] A computer-readable medium having computer-executable instructions for performing a method, comprising:

tracking resources utilized in responding to a request or set of requests or performing a transaction or a set of transactions; and

automatically defining resources that form an IT service by aggregating all resources utilized to respond to all requests or to perform all transactions.

[Claim 29] The computer-readable medium having computer executable instructions for the method of claim 28, further comprising automatically assigning a priority to each resource according to the percentage of utilization of the resource.

[Claim 30] The computer-readable medium having computer executable instructions for performing the method of claim 29, further comprising presenting a resource list and an associated priority for each resource to a user or requestor.

[Claim 31] The computer-readable medium having computer executable instructions for performing the method of claim 29, further comprising adjusting a status propagation logic based on the priority assigned to each resource.

[Claim 32] The computer-readable medium having computer executable instructions for performing the method of claim 28, further comprising presenting a resource utilization diagram to a user or requestor.